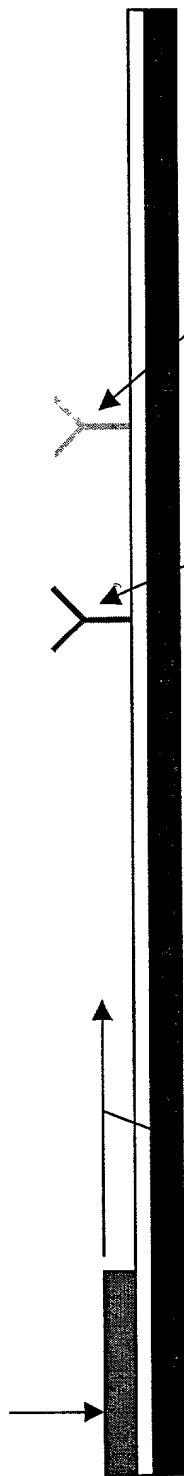


Quantum dot or
quantum dot dyed microsphere
conjugated to anti-analyte 1, epitope A

+ Sample



Direction of flow

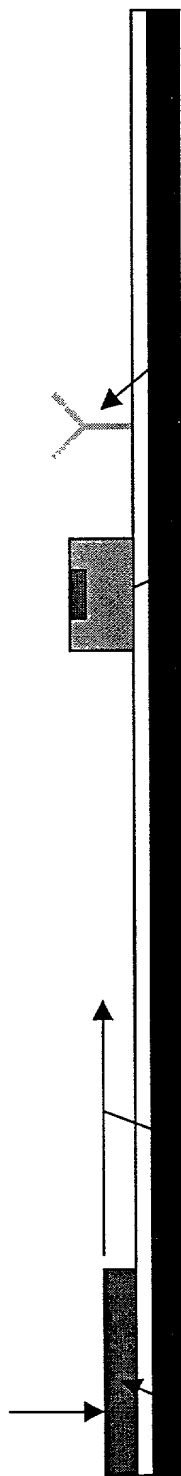
Anti-analyte 1
epitope B

Control line-
Binds to antibody
that is conjugated to
the quantum dot or
microsphere

Figure 1

Quantum dot or
quantum dot dyed microsphere
conjugated to anti-analyte 1, epitope A

+ Sample



Direction of flow

Biotinylated
Anti-analyte 1
epitope B

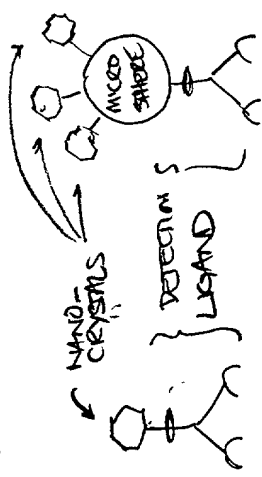
streptavidin

Control line-
Binds to antibody
that is conjugated to
the quantum dot or
microsphere

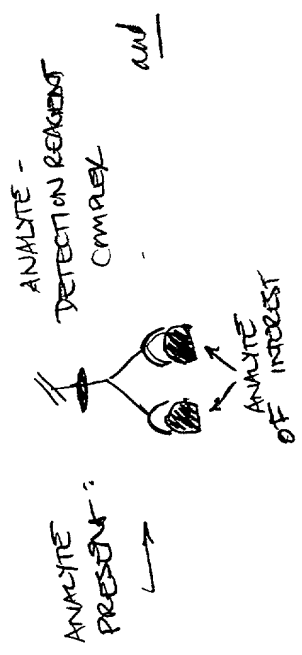
FIGURE 2

COMPETITIVE BINDING TEST STRIP

DETECTION REAGENT
(2 VERSIONS)



TEST SAMPLE
↓
SAMPLE MIXTURE



ANALYTE NOT PRESENT:

UNBOUND DETECTION REAGENT ONLY

UNBOUND DETECTION REAGENT

POSITIVE RESULT:

NEGATIVE RESULT

IMMUNOCHROMATOGRAPHIC TEST STRIP:

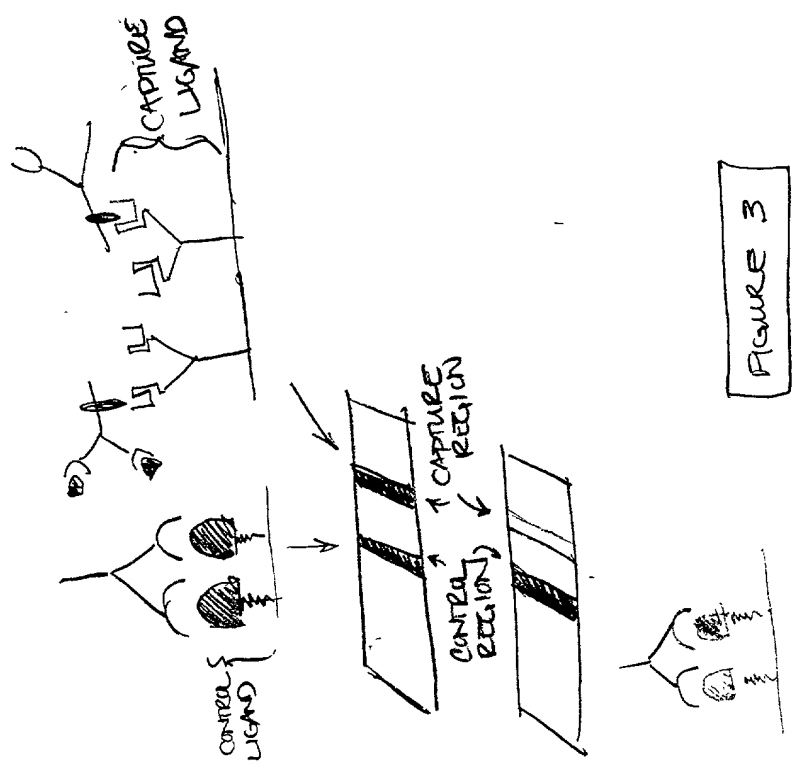
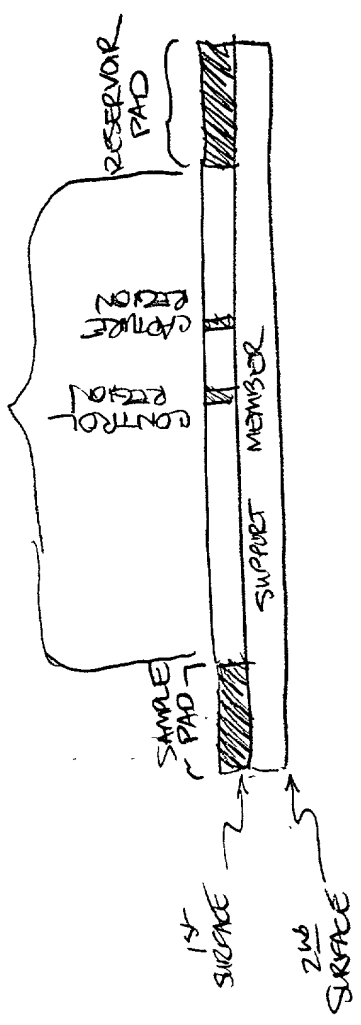


FIGURE 3

